

**What Is Claimed Is:**

- 1 1. A device for eliminating the flickering of thin-film-transistor liquid-crystal-display (TFT-LCD), the device comprises:
  - 4 a first switch, configured between a power supply and an output end of the device;
  - 6 a discharge circuit, with one end connected between the first switch and the output end of the device and the other end connected to the ground;
  - 9 a second switch, for controlling whether the discharge circuit is grounded;
  - 11 a trigger signal source, for controlling the switches; wherein when the first switch is on and the second switch is off, the output end of the device is connected to the power supply and the circuit is recharged, and when the first switch is off and the second switch is on, the discharge circuit is grounded and discharged; and
  - 17 Means for delaying opening of the second switch at lower temperatures.
- 1 2. The device in claim 1, wherein the first and the second switches are transistors.
- 1 3. The device in claim 1, wherein the discharge circuit comprises a resistor and a capacitor.
- 1 4. The device in claim 1, wherein the means for delaying opening of the second switch is a component or circuit with negative temperature constant.

- 1       5. The device in claim 1, wherein the means for delaying opening
- 2           of the second switch is disposed in the discharge circuit.
  
- 1       The device in claim 1, wherein the means for delaying opening
- 2           of the second switch is configured between the trigger signal
- 3           source and the first switch.
  
- 1       6. The device in claim 1, wherein the means for delaying opening
- 2           of the second switch is configured between the trigger signal
- 3           source and the second switch.
  
- 1       7. The device in claim 4, wherein the means for delaying opening
- 2           of the second switch is a thermistor.
  
- 1       8. The device in claim 4, wherein the means for delaying opening
- 2           of the second switch has higher resistance at low temperature
- 3           and lower resistance at high temperature.
  
- 1       9. A device for eliminating the flickering of thin-film-
- 2           transistor liquid-crystal-display (TFT-LCD), the device
- 3           comprises:
  - 4           a first transistor, for connecting a power supply and an
  - 5           output end of the device;
  - 6           a discharge circuit, with one end connected between the first
  - 7           switch and the output end of the device and the other end
  - 8           connected to the ground;
  - 9           a second transistor, for controlling whether the discharge
  - 10          circuit is grounded;
  - 11          a trigger signal source, for controlling the switches;
  - 12          wherein when the first switch is on and the second switch is off,

13 the output end of the device is connected to the power supply  
14 and the circuit is recharged, and when the first switch is off  
15 and the second switch is on, the discharge circuit is grounded  
16 and discharged; and  
17 a thermistor for delaying opening of the second switch at  
18 lower temperatures.

1 10. The device in claim 9, wherein the discharge circuit  
2 comprises a resistor and a capacitor.

1 11. The device in claim 9, wherein the means for delaying  
2 opening of the second switch is disposed in the discharge  
3 circuit.

1 12. The device in claim 9, wherein the means for delaying  
2 opening of the second switch is configured between the  
3 trigger signal source and the first switch.

1 13. The device in claim 9, wherein the means for delaying  
2 opening of the second switch is configured between the  
3 trigger signal source and the second switch.  
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